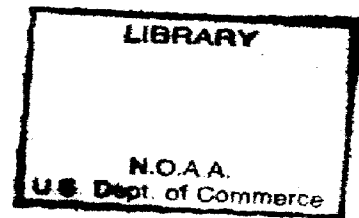
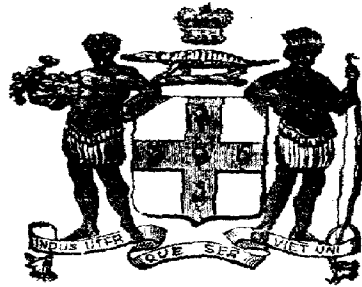


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1928



# JAMAICA RAINFALL

FOR THE YEAR

1928



JAMAICA  
GOVERNMENT PRINTING OFFICE, KINGSTON  
1929.

# **National Oceanic and Atmospheric Administration**

## **Climate Database Modernization Program**

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March 28, 2002



## NORTH-EASTERN DIVISION, 1928.

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Manchioneal	1.66	2.71	1.74	4.58	8.83	4.66	3.55	11.71	10.62	17.21	1.97	10.61	79.85	111.30
Priestman's River	2.40	3.42	2.65	4.90	17.92	5.03	5.18	11.57	16.16	19.77	4.20	12.74	105.94	...
Fairy Hill	1.64	2.59	3.22	2.71	15.91	4.78	6.82	13.28	9.35	16.23	3.32	11.00	90.85	...
Bath	3.21	1.73	2.13	6.88	9.16	7.50	8.12	20.07	20.63	14.85	8.65	6.91	109.84	118.66
Millbank	17.57	8.17	3.78	15.01	24.29	16.40	11.03	32.47	25.58	27.48	46.34	25.53	253.65	...
Moore Town	5.17	5.87	4.38	16.94	19.54	8.19	22.04	20.25	21.75	25.61	41.25	30.98	221.97	221.98
Port Antonio	2.17	1.79	3.02	4.21	13.74	7.61	7.24	15.65	11.39	20.27	2.78	20.12	109.97	137.31
Passey Garden	2.61	3.07	2.88	3.29	21.20	8.40	6.53	15.89	9.46	22.55	13.86	29.30	139.04	...
Fellowship	4.45	3.89	3.00	7.31	24.23	14.23	8.83	19.69	11.15	20.69	9.44	25.61	152.52	187.22
Johnson River Br.	0.88	0.97	1.52	3.12	8.64	7.04	8.55	17.18	18.80	8.24	4.40	0.77	80.11	93.56
Trinity Ville	0.90	0.46	1.53	2.63	10.88	5.45	8.56	17.54	13.10	10.02	4.02	1.17	76.31	...
Shrewsbury	10.45	4.75	1.70	5.85	17.10	23.90	7.40	23.00	11.30	23.95	29.97	21.34	180.71	...
Hope Bay	3.86	2.10	2.28	3.47	17.22	10.43	6.84	20.64	10.17	11.62	7.68	15.11	111.42	...
Cedar Valley	0.20	0.63	1.70	3.31	3.57	4.35	4.74	24.14	13.45	8.72	5.10	0.00	69.91	101.29
Moy Hall	0.77	0.72	1.42	4.13	7.76	4.16	3.27	19.18	11.14	7.87	6.55	2.84	69.81	107.41
Paradise	9.17	3.34	2.40	5.35	16.66	21.72	20.60	24.99	10.55	21.57	33.65	17.35	187.35	...
Lennox	6.33	1.90	1.90	3.38	13.67	25.04	7.07	20.63	7.30	13.43	11.21	16.13	127.99	...
Greenvale	19.08	9.57	2.30	3.44	13.19	2.65	3.69	11.46	5.74	15.40	80.89	20.16	187.67	153.66
Spring Garden	2.99	1.69	1.52	1.86	10.15	13.46	5.60	22.25	5.41	11.70	10.12	13.72	100.47	95.21
Hill Gardens	4.27	1.28	1.11	3.11	11.55	1.65	1.56	15.81	8.99	10.00	23.81	3.14	86.28	105.48
Buff Bay	3.25	1.58	0.78	2.33	9.72	16.25	5.27	24.13	4.00	13.36	8.25	13.56	102.48	102.66
Orange Vale	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Belvedere, Portland	6.43	2.72	0.33	2.23	5.80	3.62	3.60	18.03	9.70	18.60	25.32	28.93	125.31	...
Windsor Castle, Do.	3.61	1.74	1.30	3.20	10.42	7.76	3.77	17.14	4.43	9.60	6.08	14.92	83.97	86.32
Baleares	19.23	9.45	2.35	14.56	14.54	2.43	3.41	11.80	5.02	21.92	86.27	18.17	209.15	...
Mt. Holstein	19.11	3.46	1.99	14.44	21.82	2.42	2.54	10.88	14.08	19.41	97.29	13.84	221.28	131.63
Cedar Hurst	5.12	0.38	1.55	7.07	12.06	1.33	1.53	9.07	7.62	12.55	44.37	8.03	106.68	...
Hardware Gap	6.40	1.23	3.01	6.91	13.67	2.73	2.17	15.23	12.08	11.86	36.21	3.98	115.48	99.62
Rose Hill	1.83	0.49	2.08	3.91	11.55	2.89	1.38	15.93	13.42	8.94	25.61	2.77	90.80	107.73
Hermitage	0.34	0.11	0.68	2.73	5.46	2.51	1.41	10.27	10.04	7.07	9.75	1.47	51.84	...
Stony Hill Ind. School	0.42	0.36	0.80	3.30	5.84	3.22	1.21	12.49	9.74	9.77	8.81	0.59	56.55	82.48
Iter Boreale	2.44	1.08	0.74	2.35	7.66	5.85	4.07	17.57	2.73	10.41	6.35	9.90	71.15	...
Enfield	11.13	2.19	1.36	9.02	6.91	1.36	2.13	12.55	6.00	15.97	46.52	19.69	134.83	...
Agualta Vale	2.41	0.59	0.74	2.82	6.86	3.48	2.17	14.89	5.53	14.47	9.02	12.11	75.09	72.92
Castleton Gardens	6.52	2.13	2.21	6.14	11.41	2.27	3.66	11.15	11.82	13.37	31.67	5.17	107.42	118.98
Water Valley	2.14	0.98	0.93	2.16	9.31	4.05	1.35	10.63	5.65	10.44	6.50	7.04	61.18	75.69
Albany	2.23	0.62	0.56	1.35	9.57	4.72	1.37	10.24	4.88	8.93	6.78	8.09	59.34	...
Lawrence Tavern	0.00	0.00	0.43	4.70	6.00	1.15	3.38	9.25	10.83	10.04	15.01	0.44	61.23	79.01
Richmond, St. Mary	2.59	1.26	0.75	3.38	8.83	4.00	1.42	9.07	7.54	8.61	20.66	12.22	80.33	78.55
Quebec	2.86	2.14	1.29	1.06	9.38	4.57	3.88	12.98	4.57	9.77	3.56	7.04	62.60	71.44
Zion Hill	0.44	0.59	0.25	3.06	5.40	4.19	2.40	13.03	14.02	7.33	6.86	0.92	58.49	...
Carew Castle	1.77	0.00	0.88	2.67	6.64	4.82	2.77	13.91	13.01	10.05	11.04	0.83	68.39	88.54
Hampstead, St. Mary	3.32	1.58	0.79	3.40	7.31	4.48	0.85	7.18	6.87	8.70	10.20	7.71	62.39	100.41
Windsor Castle Do.	4.18	1.40	2.30	6.08	8.60	3.00	3.10	7.60	10.18	6.80	24.55	9.16	86.75	...
Troja	2.67	0.65	1.30	4.25	10.76	3.59	4.52	6.98	7.76	8.52	25.14	7.87	84.01	...
Pear Tree Grove	1.39	0.58	0.32	4.87	7.54	0.71	5.86	10.83	9.59	8.60	19.99	9.90	80.18	...
Guys Hill	3.92	0.50	1.00	4.77	8.94	0.53	5.40	7.04	8.79	5.57	21.14	3.50	76.10	...
Lucky Hill	3.43	1.35	2.23	3.34	6.87	3.27	0.59	6.04	9.48	6.55	19.00	8.37	70.46	86.04
Rio Hoe	4.78	1.40	1.25	4.36	11.05	2.60	6.26	6.25	8.55	5.98	20.29	5.98	78.75	79.31
Unity Vale	2.82	0.63	1.07	3.62	12.85	2.10	9.55	10.30	7.94	7.97	15.21	3.67	77.73	82.78
Moneague	5.04	1.43	2.04	2.42	17.29	3.03	7.23	8.65	10.37	8.85	20.40	4.62	91.37	80.07
Claremont	4.69	1.55	0.96	3.59	5.53	4.40	4.71	6.08	8.57	10.60	11.54	6.40	68.62	74.18
Averham Park	5.66	1.65	1.18	4.26	3.21	2.64	3.19	5.60	6.46	12.37	17.98	5.06	69.27	82.00
Albion	4.45	1.02	0.83	2.73	7.51	1.40	2.71	5.50	6.97	8.40	17.98	4.65	64.15	77.04

## NORTHERN DIVISION, 1928.

Station	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Port Maria	3.03	1.11	1.23	2.12	8.06	5.05	2.81	12.57	6.42	14.78	2.75	8.78	68.71	72.84
Eden Park	1.84	2.30	0.94	0.97	6.49	1.93	2.15	8.99	5.31	15.27	3.33	6.44	55.86	...
Oracabessa	1.37	1.37	0.90	3.37	6.77	1.34	2.61	9.20	3.24	11.60	5.72	5.94	53.43	...
New Ramble	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Huddersfield	1.70	0.60	1.07	0.00	6.99	0.57	2.19	3.77	1.03	11.39	2.83	8.18	40.32	...
Ocho Rios	1.72	0.60	0.34	0.93	4.20	1.04	1.37	2.49	3.69	9.21	5.30	5.50	36.39	57.15
Bogue, Ocho Rios	1.95	0.70	0.95	1.40	4.99	2.67	2.54	2.85	4.23	8.64	9.08	6.81	46.84	72.08
Drax Hall	1.71	0.74	0.27	0.68	5.01	1.71	3.88	2.40	4.55	8.15	6.44	5.77	41.11	65.66
Rockfield	3.54	2.29	1.10	3.49	4.65	1.17	2.45	5.60	4.55	9.44	19.26	8.43	65.97	82.53
Liberty Hill	1.54	2.02	0.81	1.12	5.46	1.52	2.47	4.22	3.20	3.24	13.22	8.13	46.95	68.58
St. Ann's Bay	1.95	1.29	0.47	1.10	4.64	2.58	4.61	2.62	3.67	6.80	7.17	6.45	43.35	60.75
Seville	1.62	0.51	0.36	1.19	4.53	1.37	4.21	2.74	2.05	4.41	8.41	7.37	38.77	63.81
Richmond Estate	1.16	1.59	0.17	1.51	4.42	1.09	3.28	2.43	3.06	5.43	6.25	7.80	38.24	63.77
Llandovery	1.34	2.29	1.53	1.44	5.18	1.45	3.75	2.70	2.63	5.88	7.40	7.91	43.50	...
Runaway Bay	0.96	0.25	0.14	0.01	3.70	0.58	2.09	2.18	1.58	3.73	3.71	3.26	22.19	...
Knapdale	5.07	1.77	1.04	2.95	4.79	2.06	2.21	4.66	4.61	10.86	19.01	12.12	71.15	...
Alexandria	1.41	0.71	0.59	1.14	5.20	0.93	3.47	4.73	3.04	6.41	7.13	2.13	36.89	...
Bel Air	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brown's Town	6.07	1.22	1.30	1.81	9.17	1.52	1.15	4.65	7.39	7.85	2.22	9.96	54.31	69.47
Watt Town, St. Ann	2.43	0.00	0.74	4.05	4.63	3.29	1.16	3.86	2.00	7.28	5.46	1.44	38.84	...
Home Castle	3.05	0.45	0.85	1.60	7.45	0.00	1.02	2.40	7.90	5.42	13.92	10.05	54.11	58.69
Richmond Pen	1.50	1.00	0.70	1.75	6.30	1.33	2.08	3.25	3.90	4.65	5.77	1.45	33.68	58.93
Bryan Castle	4.70	0.25	2.25	1.00	8.90	0.40	1.10	2.25	3.05	3.70	7.75	8.05	43.40	47.78
Braco	1.85	0.20	1.65	1.30	6.30	0.50	1.30	2.45	1.75	3.75	5.45	6.90	33.40	43.23
Arcadia	3.45	0.80	2.10	1.66	7.45	...	...	...	3.40	4.67	10.37	8.36	...	52.23
Vale Royal	3.80	0.44	1.60	1.96	7.72	2.30	2.44	3.28	1.31	3.91	9.85	8.44	47.05	57.79
Harmony Hall	1.32	0.04	2.04	2.12	10.71	0.99	1.06	2.57	1.42	4.00	6.48	8.22	40.97	48.36

4  
NORTHERN DIVISION, 1928—contd.

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Cochis Pen	5.03	0.58	1.25	4.01	13.05	3.60	4.46	6.65	7.91	7.42	13.65	4.43	72.04	..
Duncans	1.60	0.54	2.03	2.24	9.18	1.20	1.08	3.10	2.26	3.25	6.86	7.39	40.73	..
Clark's Town	3.31	0.55	2.69	3.58	10.13	3.83	2.68	2.28	5.65	6.00	14.75	7.30	62.75	..
Carey Park	1.53	0.37	1.10	1.94	7.49	0.37	0.84	2.93	1.96	3.41	6.17	7.08	35.19	..
Falmouth	1.84	0.61	1.48	1.37	6.25	1.16	0.72	1.54	2.39	3.74	6.35	7.93	35.38	39.98
Canaan	1.78	0.25	2.35	5.38	7.52	3.38	4.18	2.49	2.80	6.59	10.93	3.70	51.35	66.22
Grange	1.65	0.95	1.28	3.15	8.20	0.00	0.00	2.15	2.05	3.30	6.97	1.70	31.40	..
Success	2.70	0.70	2.45	2.10	8.70	0.00	0.15	2.70	1.55	2.45	5.70	4.01	33.21	38.61
Rose Hall	2.95	0.70	3.55	2.60	11.30	0.00	0.15	3.45	1.40	2.80	7.54	5.78	42.22	41.36
Cinnamon Hill	2.20	0.70	2.70	3.50	9.80	0.00	0.15	3.95	1.00	2.40	5.45	4.20	36.05	43.67
Tryall	2.10	0.70	2.55	2.85	8.80	0.05	0.30	3.25	1.25	3.10	4.85	3.58	32.88	53.94
Running Gut	1.80	0.55	2.70	2.70	9.25	0.00	0.10	2.75	0.85	2.60	5.59	4.25	33.14	41.81
Spring Estate	2.05	0.88	3.53	3.93	10.40	0.00	0.05	2.95	0.85	2.05	5.70	4.07	37.06	45.39
Friendship	4.10	0.75	3.20	5.86	5.48	4.02	2.44	2.97	5.30	7.46	10.77	2.59	54.94	..
Retirement	3.61	0.57	1.93	6.11	4.92	3.17	4.23	4.34	5.94	6.91	11.36	2.71	55.80	69.56
Belfield	2.62	0.54	2.26	1.93	7.66	4.33	4.63	2.80	6.34	7.47	10.25	1.91	52.74	54.10
Montego Bay	2.19	0.11	2.54	2.68	7.48	4.09	2.28	2.87	4.46	4.52	5.68	2.42	41.32	57.04
Anchovy	1.21	0.13	1.39	0.77	4.64	2.13	1.59	1.93	1.80	1.78	2.44	0.35	20.16	67.01
Bamboo	..	..	..	1.87	8.35	5.92	4.46	4.98	4.44	6.30	5.12	0.72	..	..
Blue Hole	5.68	1.47	4.00	2.15	7.30	7.67	4.49	5.71	6.39	6.16	8.87	1.67	61.56	..
Kew	4.55	0.00	3.25	5.25	10.05	5.70	4.25	6.95	8.85	6.15	3.80	2.45	61.25	69.31
Lucea	4.27	0.08	3.98	2.81	8.37	5.45	2.48	7.34	7.78	4.89	4.54	3.99	55.98	66.14
Haughton Court	4.90	0.10	3.44	2.68	9.02	6.28	2.79	7.91	7.95	6.30	5.56	3.10	60.03	60.39
Cousins Cove	5.55	0.30	1.94	6.80	10.88	6.04	4.78	8.61	10.36	10.00	4.31	4.57	74.09	..
Green River	2.91	0.42	2.40	12.17	12.98	12.43	5.32	5.96	7.67	12.82	5.96	0.96	82.00	..
Green Island	3.67	0.23	1.70	8.44	10.09	10.92	7.87	8.67	5.71	7.40	4.45	2.74	71.89	..
Haughton Hall	3.58	0.18	1.45	6.80	12.65	11.37	7.23	8.77	4.64	6.81	4.26	3.93	71.67	..
Knollis	0.90	0.00	1.23	2.00	6.60	8.19	2.25	14.97	10.90	7.05	5.69	0.58	60.36	..
Highgate	0.99	1.20	1.16	4.56	4.48	3.75	2.61	17.63	8.27	12.05	8.90	1.75	67.30	..
Rio Magno	2.90	1.54	1.58	5.08	11.38	3.48	7.23	11.63	10.20	10.81	21.12	6.27	93.22	..
Riversdale	2.78	0.05	2.35	3.63	5.59	6.13	3.64	9.14	11.54	8.91	12.57	1.65	67.98	..
Headworks, R.C.C.	0.00	0.19	1.37	1.41	2.08	1.30	1.62	12.64	3.73	5.72	4.09	1.43	35.58	55.14
Bog Walk	0.60	0.00	0.80	1.40	2.90	3.70	2.00	12.80	7.70	9.30	3.80	0.70	45.70	..
Linstead	1.72	0.04	1.15	2.27	4.52	4.13	1.65	9.49	7.02	3.82	4.93	1.34	42.08	73.07
Guanaboa Vale	..	..	..	..	..	..	..	..	..	0.06	3.20	1.54	..	..
Cave Valley	0.95	0.15	0.80	3.74	10.56	2.68	1.47	11.07	5.00	9.58	2.28	1.04	49.32	..
Point Hill	1.84	0.17	1.28	2.89	8.43	2.40	2.77	13.72	8.30	8.71	4.41	1.89	56.81	103.09
Bellas Gate	0.00	0.97	1.37	1.38	3.21	1.30	1.00	11.92	3.37	10.83	2.48	0.48	38.31	..
Rock River	..	..	..	..	..	..	..	..	..	7.93	1.38	0.32	..	..
Crofts Hill	0.87	1.23	1.18	1.92	3.06	0.73	0.32	9.98	7.88	7.84	5.42	0.30	40.73	63.77
Suttons	0.92	0.93	1.50	0.49	4.01	1.60	0.23	9.13	5.16	7.38	1.56	1.16	34.07	..
Chapelton	1.92	0.70	0.97	0.57	4.57	2.55	0.36	9.57	7.65	7.13	4.32	0.91	41.22	64.34
Crooked River	0.66	1.06	1.62	1.39	3.09	2.23	0.96	9.03	7.05	11.89	5.32	0.67	44.77	..
Trout Hall	0.30	1.83	1.62	1.63	4.43	3.06	1.16	6.79	8.11	10.15	4.79	1.30	45.17	82.66
James Hill	0.93	2.19	1.20	1.72	7.06	3.36	1.51	9.82	9.04	8.16	4.52	..	..	..
Frankfield	0.72	1.56	3.02	0.90	6.78	3.61	2.87	11.51	6.48	8.15	4.85	0.95	51.40	..

WEST-CENTRAL DIVISION, 1928.

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Mocho	0.75	0.14	0.96	1.61	3.88	1.74	1.36	10.22	7.98	8.00	6.03	1.30	43.97	76.86
Clarendon Park	0.09	1.00	0.32	0.60	3.06	0.50	1.10	8.99	10.44	9.16	3.54	0.40	39.20	..
Spaldings	1.78	0.92	2.62	0.62	5.40	3.62	2.87	11.25	5.45	5.29	5.55	0.85	46.22	..
Williamsfield	1.42	0.54	2.74	1.15	4.54	3.58	2.18	10.36	9.75	8.35	1.80	0.11	46.52	..
Brokenhurst	0.40	1.04	2.42	3.04	4.26	2.31	1.15	12.94	11.49	7.63	2.64	1.13	50.45	85.07
Shooters Hill	0.43	0.40	1.86	1.46	3.97	4.28	1.87	10.07	8.63	6.14	2.11	0.30	41.52	72.26
Lowe River	2.56	1.08	1.34	0.60	8.94	2.37	0.85	8.72	3.15	13.80	9.83	0.00	53.24	89.94
Christiana	1.63	0.50	1.38	1.89	7.16	1.74	2.59	12.32	4.72	6.51	7.30	0.80	48.00	78.94
Clifton Hill	0.85	0.71	2.26	1.65	5.20	3.10	1.85	13.73	13.45	8.57	1.29	0.23	52.29	..
Kendal, Manchester	0.35	0.78	1.84	1.70	2.97	3.43	1.78	12.11	8.26	6.88	2.37	0.30	42.70	82.88
Mereworth	0.19	1.06	1.32	2.32	4.28	2.92	1.93	17.80	13.46	9.36	2.78	0.84	58.26	..
Mandeville	0.47	0.64	3.78	1.25	4.48	3.05	1.98	13.26	9.03	7.58	1.61	0.13	47.26	86.67
Ulster Spring	2.24	0.34	1.90	4.04	11.82	4.47	2.80	13.90	4.76	8.26	7.78	1.14	63.45	83.03
Marshall's Pen	0.53	0.63	3.08	1.10	3.13	2.40	0.87	11.33	6.15	4.81	3.67	0.04	37.74	80.33
Greenvale	0.39	0.67	0.45	1.32	1.52	1.83	3.17	6.54	2.81	5.03	4.08	0.14	27.95	..
Albert Town	2.16	0.69	2.72	3.48	10.18	4.70	1.54	14.43	2.35	6.00	8.89	1.28	58.42	85.43
Warsop	1.46	1.31	4.01	3.52	12.55	3.47	3.62	14.11	4.64	9.27	13.44	1.10	72.40	..
Troy	1.40	3.26	2.94	2.04	9.00	4.25	5.74	12.87	10.80	10.99	16.53	2.16	81.98	102.12
Wallingford	1.07	1.19	2.24	2.89	6.25	1.34	1.50	18.24	4.54	15.73	8.68	1.87	65.54	89.20
Balaclava	0.54	1.20	2.30	2.64	6.80	1.01	1.98	18.35	5.33	12.32	5.94	0.88	59.85	81.33
Appleton	0.54	1.35	4.55	7.19	12.00	3.75	8.49	14.31	6.38	18.23	6.25	3.16	81.20	..
Deeside	1.06	0.18	3.14	3.98	11.54	3.74	4.32	6.63	4.70	7.52	6.81	4.16	57.78	..
Maggotty	0.12	2.17	2.98	9.28	9.87	5.05	2.77	11.94	5.84	11.68	5.94	7.54	75.18	98.45
Iscovia	0.97	1.25	1.39	6.92	5.14	2.74	0.62	8.87	4.97	8.90	4.41	1.09	47.27	..
Ipewich	0.74	2.61	2.51	8.97	15.56	7.88	8.09	10.95	7.77	11.46	8.56	2.65	87.75	..
Kempshot	4.11	0.19	3.83	3.18	10.22	6.21	7.83	3.65	3.99	5.87	11.53	2.18	62.79	79.39
Garlands	2.01	0.65	1.99	4.93	14.39	5.49	9.69	7.78	7.70	13.48	12.82	1.85	82.78	..
Mocho, St. James	2.40	0.50	4.23	7.32	14.35	8.23	8.67	11.73	13.22	14.85	10.40	1.99	97.89	..
Bandon Pen	1.87	0.24	4.05	3.84	15.08	4.17	8.35	6.65	8.19	8.78	10.99	1.67	71.86	..
Springfield, St. Eliz.	1.00	1.25	3.96	9.49	18.05	7.45	4.46	15.78	5.70	11.72	7.68	3.98	90.71	..

## WEST CENTRAL DIVISION, 1928—contd.

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Catadupa	1.30	0.40	4.22	11.07	13.69	7.52	...	...	...	9.13	9.54	1.80	...	...
Cambridge, St. James	4.28	0.27	2.10	9.74	12.85	8.01	5.34	7.82	7.88	8.08	11.42	1.05	78.82	98.66
New Market	1.16	2.22	2.15	12.48	17.30	5.31	3.91	14.97	6.67	16.42	6.13	3.71	92.43	93.92
Kew Park	1.32	0.66	2.16	11.34	15.94	8.44	10.87	15.82	12.06	9.25	8.91	3.88	100.63	94.86
Montpelier	2.46	2.08	2.08	4.58	14.71	4.69	7.79	9.46	7.25	8.43	5.79	0.76	70.08	...
The Bog, New Market	1.82	2.05	3.10	11.03	13.81	4.54	3.42	10.02	6.12	17.07	3.36	4.73	81.07	107.68
Bethel Town Dist.	1.86	1.53	5.56	11.80	20.27	12.59	12.49	15.96	11.66	16.13	9.05	1.15	120.05	...
Burnt Ground	3.83	0.52	4.20	5.37	15.42	5.27	7.13	10.26	9.00	12.34	8.59	2.46	84.39	93.18
Haughton Grove	2.89	0.24	4.28	9.81	13.86	6.42	5.78	15.59	8.70	7.70	10.71	2.25	88.23	...
Darliston	1.09	4.01	3.66	6.89	21.13	8.94	4.63	11.80	6.57	5.90	5.81	0.94	81.37	118.03
Knoekalva	3.44	0.24	3.39	11.80	11.82	6.83	4.93	15.78	9.03	10.27	9.96	2.60	90.09	98.38
Ramble	2.90	1.15	4.38	11.83	9.83	6.22	4.87	18.55	10.13	10.53	...	...	...	...
Bluefields	0.68	1.62	3.35	8.76	8.30	1.89	1.68	5.75	5.60	11.82	3.43	3.27	56.15	...
Whithorn	0.80	0.29	1.02	7.95	12.56	6.60	6.54	10.64	6.23	9.43	4.25	2.59	68.90	96.56
Water Works Pen	0.61	0.30	1.05	8.87	11.66	7.65	9.85	15.23	10.36	10.67	5.62	3.10	84.87	94.22
Askenish	3.72	1.62	5.51	7.23	19.00	12.80	12.84	13.35	7.96	11.64	5.40	0.71	101.78	...
Grange Hill	2.76	0.69	3.92	12.69	13.76	6.83	4.63	13.67	5.00	13.62	4.82	3.42	85.81	97.95
King's Vale	4.24	0.88	3.43	7.07	14.09	10.54	6.03	10.95	9.01	5.59	4.18	0.11	76.12	91.41

## SOUTHERN DIVISION, 1928.

Station.	Jan.	Feb.	Mar.	April	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Morant Point L.H.	2.07	1.57	0.93	2.44	4.77	2.20	2.10	6.00	6.86	16.18	2.03	2.59	49.74	70.19
Golden Grove	2.70	1.21	1.84	2.22	5.67	5.24	2.88	8.02	13.72	15.86	3.57	4.38	67.31	...
Pleasant Hill	3.09	1.73	1.37	2.16	5.22	4.70	3.78	8.67	14.66	14.58	6.16	4.89	71.01	...
Phillipsfield	1.96	1.97	0.88	2.09	5.55	4.39	3.37	8.23	13.50	10.51	1.84	3.41	57.70	...
Bowden	1.83	0.71	1.43	2.09	6.62	4.00	4.15	6.60	12.50	10.51	1.84	3.41	55.69	...
East Prospect	2.45	1.25	1.85	2.42	10.02	4.45	4.04	6.91	11.50	10.84	2.81	2.60	61.14	82.13
Morant Bay	1.05	1.15	1.73	1.29	7.36	5.24	3.54	8.64	8.87	6.81	3.61	1.21	50.50	71.09
Petersfield	...	...	...	...	...	...	...	...	...	19.25	...	1.35	...	...
Aeolus Valley	0.73	0.48	2.58	3.05	4.63	6.00	3.00	17.80	12.90	6.40	2.26	0.80	60.63	...
Yallahs	0.25	0.29	0.45	0.79	2.26	3.25	1.73	12.70	9.08	2.49	0.65	0.67	34.61	...
Easington	0.24	0.68	0.61	1.73	3.25	4.74	2.35	14.95	9.11	3.98	1.71	0.31	43.66	65.09
Norris	0.08	0.23	1.20	1.20	3.33	4.15	2.26	24.78	9.27	4.04	2.30	0.00	52.84	...
Mavis Bank	0.00	0.45	0.26	1.41	4.60	2.48	1.30	16.21	7.77	6.24	8.03	1.17	49.82	...
Bull Bay	0.00	0.00	0.00	0.20	1.10	1.80	0.00	5.27	3.20	1.37	2.03	0.00	14.97	34.62
Bellevue	0.00	1.51	1.19	2.72	3.96	1.37	0.00	21.75	7.59	5.22	4.34	1.77	51.42	71.31
Gordon Town	0.15	0.22	0.40	1.77	6.52	1.32	0.85	11.97	5.99	5.10	8.93	1.45	44.67	65.62
Irish Town	0.45	0.47	0.58	1.98	7.93	1.50	0.29	11.15	5.33	4.68	9.84	2.62	46.82	64.38
Hope Gardens	0.07	0.33	0.20	1.78	6.31	1.22	0.72	16.07	5.12	5.20	7.63	1.27	45.92	53.53
Iver	0.09	0.23	1.02	2.83	6.35	1.26	0.21	12.88	6.37	4.66	8.48	1.32	45.70	...
Plumb Point L. H.	0.00	0.13	0.10	0.28	1.86	1.93	0.32	13.37	3.95	3.87	0.75	0.33	26.89	33.61
King's House Gardens	0.00	0.00	0.45	1.70	1.95	1.00	0.00	6.50	6.20	4.50	5.50	2.05	29.85	47.44
Upper Kingston	0.31	0.08	0.04	1.46	1.91	1.29	0.40	14.21	5.37	7.75	3.58	0.59	36.99	...
Kingston P.W.O.	0.16	0.20	0.11	0.88	1.77	1.29	0.31	12.57	3.12	5.57	2.83	0.08	28.89	33.59
Halfway Tree	0.00	0.91	0.25	1.00	2.26	1.36	0.41	10.90	5.15	3.60	4.14	0.77	30.75	39.34
Eldene	...	...	...	...	...	...	...	...	...	5.62	2.84	3.77	1.07	...
Clifton Pen	0.12	0.33	0.07	0.70	1.38	1.50	0.00	13.32	3.21	4.06	2.68	0.52	27.89	39.38
Quarantine Station	0.10	2.50	0.22	0.32	1.89	1.54	0.40	12.01	2.05	2.63	1.35	0.26	25.27	27.33
Hematine	0.00	1.81	1.12	3.54	3.16	1.43	0.56	10.44	2.20	5.52	1.87	1.79	38.44	...
Spanish Town	0.02	1.19	1.29	2.96	4.83	1.42	0.58	12.20	2.54	4.65	1.24	1.29	34.16	43.99
The Stewartry	0.13	1.18	1.74	1.13	3.00	1.33	0.47	11.45	3.60	6.33	2.63	0.90	33.89	...
Hog Hole, St. Cath.	0.00	0.00	1.91	0.95	4.10	1.18	0.65	12.36	2.95	4.58	1.07	1.18	30.91	49.96
Hartlands	0.00	0.55	0.73	3.91	3.11	1.37	0.30	8.35	2.78	6.68	1.51	0.37	29.66	44.69
Amity Hall	0.00	0.79	1.36	3.62	4.20	1.35	0.26	8.77	2.50	6.76	2.29	0.52	32.42	...
Bushy Park	0.03	0.68	1.49	3.30	4.22	1.50	0.19	9.01	2.30	6.36	2.14	0.99	32.21	...
Old Harbour	0.19	0.55	3.06	2.16	3.44	1.58	0.20	15.33	7.50	6.85	1.74	1.40	44.00	52.28
May Pen	0.17	1.96	1.98	1.59	1.51	1.85	0.92	10.96	7.60	4.94	1.80	0.34	35.62	55.23
Glen Muir	0.00	1.60	1.00	0.50	1.05	1.25	0.75	11.00	2.90	5.00	0.00	0.00	24.45	...
Dry River, Vere	0.00	0.37	2.86	3.36	1.31	2.23	0.43	13.04	10.26	3.02	1.05	0.00	37.93	46.61
Cottage	0.10	0.61	2.57	3.88	1.11	1.82	0.27	14.14	8.84	4.26	2.01	0.21	39.82	...
Belle Plain	0.05	0.62	0.82	1.95	2.97	1.12	0.00	8.68	13.61	6.48	1.32	2.07	39.69	...
Milk River	0.30	0.00	0.82	2.56	4.15	1.98	0.11	10.72	9.39	4.71	0.71	0.65	36.01	51.48
Retrieve	0.00	0.70	0.88	2.55	2.71	0.32	1.59	6.66	8.87	8.92	1.32	1.38	35.90	...
Hog Hole, S. Man.	0.00	2.67	1.07	3.30	3.89	2.40	0.62	12.05	11.44	8.70	1.50	1.06	45.70	...
Stone's Hope	0.20	0.51	1.15	2.24	4.27	3.18	0.58	17.93	8.55	5.60	1.14	0.96	46.31	69.42
Newport, Man.	0.47	1.24	0.91	1.04	4.55	3.44	1.01	16.25	8.89	5.73	2.39	1.32	47.24	72.67
Great Valley, Man.	0.00	0.75	0.49	2.57	0.85	1.23	0.56	13.97	3.78	4.73	2.17	1.76	32.86	58.75
Alligator Pond	0.00	1.74	0.17	0.88	0.71	2.20	0.18	13.42	6.62	5.90	1.78	0.72	34.32	42.90
Fairfield	0.35	1.00	1.33	1.14	2.99	1.71	1.89	10.71	5.22	8.39	4.29	0.24	39.26	67.70
Lititz	0.00	0.40	1.51	1.24	3.66	1.23	0.49	7.17	5.10	4.82	1.20	0.00	26.82	43.80

## SOUTHERN DIVISION, 1928—contd.

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Myersville	0.00	1.10	1.65	2.47	3.57	1.28	0.28	8.43	4.30	3.97	5.61	0.52	33.18	..
Gilnock	0.35	1.18	1.17	3.95	6.13	1.27	1.42	10.14	3.35	13.54	8.32	0.60	51.42	..
Southfield, St. Eliz.	0.19	1.99	0.62	4.05	1.35	2.15	0.84	6.39	8.60	6.02	3.27	0.03	35.50	50.83
Bethlehem, St. Eliz.	0.08	2.87	2.04	7.47	2.86	1.73	1.49	10.36	4.20	8.34	9.70	2.50	53.64	65.56
Torrington	0.33	0.94	1.40	7.45	1.41	1.50	0.74	7.19	5.33	9.59	9.78	0.92	46.58	58.00
Santa Cruz	0.67	2.01	1.12	4.92	3.99	1.43	1.52	13.50	2.99	11.73	7.72	2.09	53.69	81.86
Pedro Plains	0.22	1.19	0.20	5.97	0.27	1.02	0.69	3.19	6.05	7.65	4.44	0.67	31.56	33.62
Mountainside	0.40	3.58	1.10	5.31	1.83	0.00	1.44	3.91	5.50	7.72	7.48	1.60	39.87	..
Fort Charles	0.13	1.62	0.57	4.01	0.27	0.66	0.06	4.30	5.53	8.45	3.22	1.36	30.18	..
Black River	0.01	0.66	2.38	3.74	2.16	1.74	0.37	5.26	5.97	7.47	5.59	2.64	37.99	52.43
Font Hill	1.30	1.40	0.30	4.15	4.30	2.85	1.65	6.80	6.10	8.45	6.95	3.50	47.75	57.90
Mount Edgecombe	1.01	1.36	3.40	7.24	5.84	1.61	1.30	4.80	5.03	8.71	4.61	4.66	49.57	69.26
Sweet River	1.19	0.80	0.99	7.94	11.66	4.66	4.37	7.67	7.19	9.34	2.75	2.25	60.81	71.23
Sav.-la-Mar	1.38	0.45	1.09	4.09	5.72	5.02	3.43	8.66	3.72	10.08	3.20	2.00	48.84	62.17
Orchard	1.80	1.72	0.72	4.56	7.13	4.43	2.93	6.49	3.27	7.48	4.27	..	..	71.50
Little London	0.89	1.84	1.16	4.59	7.55	2.25	3.31	5.54	3.39	6.22	1.28	1.39	39.41	..
Retreat	1.02	1.36	0.76	4.47	7.50	5.12	5.49	7.25	2.52	8.20	0.78	1.04	45.51	70.31
Negril Point, L.H.	1.09	2.37	1.15	5.32	3.90	4.23	4.87	3.88	2.11	4.98	1.44	0.89	35.73	54.49

## COMPARATIVE TABLE OF RAINFALL FOR 1928.

Division.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1928.	Average 50 years.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
North-Eastern Division	4.43	1.92	1.63	4.50	10.95	5.52	4.62	13.81	10.04	12.37	19.65	8.98	98.42	104.60
Northern Division	2.36	0.71	1.50	2.10	6.74	2.00	2.08	5.32	4.49	5.91	7.43	4.93	45.57	57.79
West-Central Division	1.52	1.00	2.62	6.06	10.26	4.84	3.98	12.48	7.17	9.58	6.98	1.99	68.43	89.28
Southern Division	0.50	0.95	1.03	2.91	3.93	2.30	1.30	10.45	5.64	6.54	3.62	1.25	40.42	54.13
Means for 1928	2.20	1.14	1.69	3.89	7.97	3.67	3.00	10.51	6.84	8.60	9.41	4.29	63.21	..
Averages for 50 years 1870-1919	4.10	3.06	3.42	5.03	9.12	7.18	4.90	6.93	7.91	10.39	8.70	5.72	..	76.46

## COMPARATIVE TABLE OF RAINY DAYS, 1928.

The Island.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Means for 1928	6	4	6	9	10	7	7	14	13	15	12	7	110
Averages for 33 years 1895-1927	8	7	8	9	12	10	9	11	13	14	12	9	122

## MEAN RAINFALL FOR EACH PARISH, 1928.

Parish.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Kingston	0.16	0.14	0.08	0.87	1.85	1.50	0.34	13.38	4.15	5.73	2.39	0.33	30.92
St. Andrew	1.16	0.43	0.76	2.54	6.16	1.84	1.00	12.81	7.45	6.25	11.45	1.54	53.39
St. Thomas	1.48	1.09	1.47	2.73	6.36	4.85	3.97	13.11	12.66	10.04	3.71	2.12	63.59
Portland	7.61	3.87	2.24	6.56	15.40	9.53	6.53	17.72	10.45	18.08	30.04	18.71	146.74
St. Mary	3.45	1.34	1.23	3.16	8.06	3.33	2.25	10.29	5.93	11.24	12.46	8.89	71.63
St. Ann	2.91	1.15	0.87	2.41	7.10	2.00	3.25	4.77	5.25	7.30	11.39	6.00	54.40
Trelawny	2.37	0.77	2.18	2.46	9.71	2.68	2.41	7.96	4.44	6.23	9.65	5.59	56.45
St. James	2.15	0.43	2.72	4.88	10.08	2.93	3.77	4.51	4.55	6.93	8.28	2.63	52.06
Hanover	4.23	0.58	3.38	6.85	10.81	8.56	5.87	9.66	7.61	8.52	6.34	2.62	75.03
Westmoreland	1.47	1.31	2.37	7.79	11.30	5.95	5.41	9.86	6.28	9.51	4.29	2.29	67.83
St. Elizabeth	0.50	1.64	1.81	5.73	6.46	2.48	1.89	10.08	5.70	10.54	6.27	2.28	55.35
Manchester	0.60	0.80	1.64	1.78	3.76	2.54	1.38	12.44	8.65	7.11	2.60	0.67	43.87
Clarendon	0.63	0.95	1.60	1.71	3.60	2.09	0.79	10.33	7.75	7.27	3.19	0.71	40.62
St. Catherine	0.97	0.66	1.27	2.87	5.30	2.66	2.14	11.55	6.94	7.36	7.09	2.23	51.07

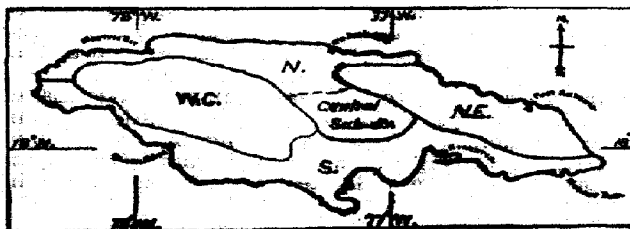
TABLE OF GREATEST AND LEAST MONTHLY FALLS IN 1928.

Month.	Greatest Fall.		Least Fall.	
	Amount. Ins.	Place.	Amount. Ins.	Place.
January	19.23	Balcarres	0.00	Lawrence Tavern, Headworks R.C.C., Bellas Gate, Mavis Bank, Bull Bay, Bellevue, P.P. Light house, King's House Garden, Half-way Tree, Hematine, Hog Hole (St. Cath.), Hartlands, Amity Hall, Glen Muir, Dry River, Retrieve, Hog Hole, (Manchester), Great Valley, Alligator Pond, Lititz and Myersville.
February	9.57	Greenvale	0.00	Lawrence Tavern, Carew Castle, Watt Town, Kew, Knollis, Bog Walk, Bull Bay, King's House Garden, Hog Hole, (St. Catherine), and Milk River.
March	5.56	Bethel Town District.	0.00	Bull Bay.
April	16.94	Moore Town	0.00	Huddersfield.
May	24.29	Millbank	0.27	Pedro Plains and Fort Charles.
June	25.04	Lennox	0.00	Home Castle, Grange Success, Rose Hall, Cinnamon Hill, Running Gut Spring and Mountainside.
July	22.04	Moore Town	0.00	Grange, Bull Bay, Bellevue, King's House Garden, Clifton Pen and Belle Plain.
August	32.47	Millbank	1.54	Falmouth.
September	25.58	Millbank	0.85	Running Gut and Spring
October	27.48	Millbank	1.37	Bull Bay
November	97.29	Mount Holstein	0.00	Glenmuir
December	30.98	Moore Town	0.00	Cedar Valley, Lowe River, Norris, Bull Bay, Glenmuir, Dry River and Lititz.
Year	253.65	Millbank	14.97	Bull Bay.

## RAINFALL DIVISIONS,

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-Division; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North-Eastern and West-Central Divisions are the remaining parts of the island bounded by the sea and the other divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica" following page 27, 1911 Edition and of page 20 of 1923 Edition, an outline of which is given below.





# METEOROLOGICAL—JAMAICA.

## CLIMATIC CONDITIONS.

### THE ISLAND.

#### MONTHLY PRECIPITATION.

**January.** The mean rainfall was about one-half the normal. The Southern Division suffered most; having only about one quarter its normal. No rain fell at 16 stations and at 5 other stations the fall did not exceed 0.05 inch. Most of this small precipitation occurred during the first week of the month. The mean number of rainy days is given as 6 for the Island. The greatest total fall was 19.23 inches at Balcarras in the North-Eastern Division, and the heaviest fall in 24 hours was 5.12 inches on the 6th at the same station. Maximum amount of rain fell in Portland.

**February.** The mean rainfall for the month was again very deficient, being only a little over one-third of the 50-year normal. No rain fell at 10 stations. Most of this rain fell during the last week of the month. The mean number of rainy days is given as only four for the Island. The normal being 7. Greatest total was 9.57 inches at Greenvale in the North-Eastern Division, and the greatest fall in 24 hours was 5.55 inches on the 20th at the same station. The maximum parish rainfall was in Portland.

**March.** The rainfall for this month was also again very deficient in all the Divisions, the total being one-half of the normal. Most of the rain fell between the 19th and 24th. The mean number of rainy days for the Island was 6 which is below the 33-year average of 8. The West-Central Division had the highest rainfall. Greatest fall for the month was 5.56 inches at Bethel Town District in the West-Central Division, and the greatest fall in 24 hours was 2.38 inches on 21st at Old Harbour in the Southern Division. No rain fell at one station. The parish of Hanover had the greatest rainfall.

**April.** The mean rainfall for the month, although below the normal, gave better results than the previous three months, being about three-quarters of the 50-year normal. It was fairly well distributed for the average number of rainy days was 9 being equal to the 33-year average. The maximum precipitation appears to have been confined to the first and the last weeks of the month. The greatest fall was 16.94 inches at Moore Town in the North-Eastern Division, and the greatest fall in 24 hours was 4.42 inches at Millbank in the same Division on the 4th. The parish of Westmoreland recorded the highest rainfall.

**May.** The "Season's" rains did not come up to the normal, being deficient by 1.15 inch, but was well distributed. Most of the rain appears to have fallen between the 14th and 18th, but there were also some refreshing showers on 3rd, 4th and 25th. The greatest total fall was 24.29 inches at Millbank in the North-Eastern Division, and the greatest fall in 24 hours was 13.20 inches at Mt. Holstein on 14th in the same Division. The mean number of rainy days for the Island was 10 as compared with the normal of 12. The parish of Portland had the most rain, recording 15.40 inches, and the least in Kingston with only 1.85 inches.

**June.** The mean rainfall and number of rainy days were much below the normal. In the Eastern Section of the Island, practically all of the rain appears to have fallen on the 30th but in the Western half, though less, it was well distributed. Parish of Portland had a mean of 9.53 inches followed by Hanover with 8.56 inches, the least being at Kingston with only 1.50 inch. The mean number of rainy days for the Island was 7 as against the normal of 10. Greatest fall was 25.04 inches at Lennox in the North-Eastern Division, and the greatest fall in 24 hours was 20.66 inches at the same station on 30th. No rain was reported from 5 stations. For the first half of the year to 30th June, the total rainfall was very deficient, shewing only two-thirds of normal.

**July.** The mean rainfall was, likewise, deficient in all the Divisions, particularly the Southern. Most of it appears to have fallen during the early part of the month, and again towards the latter part of the month. Portland gave the greatest fall with 6.53 inches and Kingston with only 0.34 inch, followed by Clarendon with only 0.79 inch. The continued drought shewed its effect upon general industry. The mean number of rainy days for the Island was only 7 against the normal of 9. The greatest fall for the month was 22.04 inches at Moore Town in the North-Eastern Division, and the maximum fall in 24 hours was 5.28 inches at Lennox in the same Division. No rain was reported from 4 stations.

**August.** After seven months of deficient rainfall August was much above the 50-year normal, in all the Divisions, particularly the North-Eastern and Southern Divisions, which had nearly double the normal rainfall. This is attributed to the passing by of a tropical weather disturbance. The greatest precipitation appears to have occurred between the 11th and 25th, particularly on 14th, but the rainfall was fairly well distributed. The mean number of rainy days being 14 as compared with the 33-year normal of 11. Greatest fall for the month was 32.47 inches at Millbank in the North-eastern Division, and the heaviest fall in 24 hours was 8.40 inches at Belvedere in the same Division on 14th. Portland shewed the greatest mean rainfall of 17.72 inches and St. James had only 4.51 inches, St. Ann had also only 4.77 inches.

**September.** The mean rainfall was below the normal in all the Divisions, except the North-Eastern, which had somewhat more than the average. The greatest precipitation appears to have taken place at the beginning and at the end of the month, particularly on 2nd and 30th. It was fairly well distributed as the mean number of rainy days 13, corresponds with the normal. The greatest number of rainy days was 26 at Bath, in the North-Eastern Division. Greatest total fall was 25.58 inches at Millbank in the

North-Eastern Division, and the maximum fall in 24 hours was 8.65 ins. at Belle Plain in the Southern Division on 2nd. The parish of St. Thomas recorded the greatest fall of 12.66 inches and Kingston had only 4.15.

October. The "Season's" rainfall did not come up to the normal for it was 80% of the 50-year normal. The North-Eastern division was however up to the normal and all the other Divisions were deficient. The heaviest rains appear to have fallen during the last week of the month, particularly on the 27th, the rainfall was, generally, well distributed, as the mean number of rainy days was 15 which was one day above the normal. The parish of Portland had the greatest fall of 18.08 inches and Kingston the least with only 5.73 inches. Greatest fall in the month was 27.48 inches at Millbank in the North-Eastern Division and the greatest fall in 24 hours was 10.80 inches at Mt. Holstein on 26th. The greatest number of rainy days was 26 at Passley Green and Fellowship in the North-Eastern Division.

November. The mean rainfall for the month was slightly over the normal, and was exceeded in all the Divisions, except the Southern, which shows a deficiency of over 30%. It was well distributed, the mean number of rainy days being equal to the normal of 12. The greatest number of rainy days was 25 at Millbank in Portland. Very heavy rains fell in the hilly sections of the North-Eastern Division and parts of the Northern Division. The greatest total fall being 97.29 inches at Mt. Holstein in Portland, other exceptionally heavy falls in the same parish being 86.27 inches at Balcarres 80.89 inches at Greenville, 66.56 inches at Orange Vale, 46.34 inches at Millbank, and a few other stations. The heaviest fall in 24 hours was 16.19 inches at Orange Vale in Portland on 22nd. The parish of Portland recorded the heaviest fall for the month with 30.04 ins. and the lowest 2.39 inches in the parish of Kingston. There was a preponderance of rain on 15th and about the 22nd.

December. The mean rainfall for the month was much below the normal in all the Divisions. There were, however, heavy rains in Portland and St. Mary. The Northern Division had a fair rainfall, although below normal. The Southern Division had only one half, and the West-Central a little more than half its normal. No rain fell at 6 stations and two other stations registered less than 0.05 inch. Most of the rain appears to have fallen between the 9th and 13th and again from the 23rd to the 29th. The mean number of rainy days was 7 or 2 less than the 33-year normal of 9, the greatest number being 23 at Fellowship in Portland. The greatest fall for the month was 30.98 inches at Moore Town in Portland, and the heaviest fall in 24 hours was 20.00 inches at the same station on 9th. The parish of Portland registered the high mean fall of 18.71 inches, whilst the parish of Kingston had only 0.33 inch, and Manchester next with .71 inch.

#### THE ISLAND RAINFALL FOR THE YEAR 1928.

The total fall for the 12 months was only 63.21 inches, being deficient with the normal by 13.25 inches. For the first half of the year the precipitation was only 64% and for the second half 96% of the normal. The months of August and November were the only months above the normal, the other months being below. The North-Eastern Division was only 6% below normal, but the Northern Division was 20%, West-Central 24% and Southern Division 26% below.

The mean number of rainy days for the year was 110 as against the 33-year average of 122. The parish of Portland had the greatest total fall for the year with 144.20 inches. Hanover was next in order with 75.03 inches. The parish of Kingston registered 30.92 inches (shewn as 29.88 in error in Weather Report for December) being the lowest. There were floods in certain parts in August, November and December.

#### WEATHER DISTURBANCES.

##### AUGUST.

During this month there were many tropical weather disturbances of varying intensity, within barometric range of Jamaica.

From the telegraphic warnings issued by the United States Weather Bureau, and from local observations the following may be taken as the approximate tracks of these storms:—

- (1) On 5th August a disturbance of considerable intensity was located in Lat. 22½ N. and Long. 74 degrees West, in the vicinity of Great Inagua. It coursed along a somewhat north-westerly direction, arriving near to Jupiter, Florida, U.S.A. on 8th, then crossing over Florida into the Gulf of Mexico, causing loss of life and damage to property. The nearest approach to Jamaica was about 400 miles to N.NE.
- (2) On the 9th at 9 a.m., a disturbance of considerable intensity was developing at Lat. 15 degrees N. and Long. 69 degrees West, moving apparently W.N.W. This disturbance passed about 100 miles to the south of Jamaica continuing to move in a W.N.W direction, in the vicinity of Cayman Islands. No damages were however reported. High northerly winds and heavy seas were observed at Morant Point on 10th.
- (3) On 11th August, a disturbance of slight intensity was located central between Jamaica and Central Cuba. It apparently moved in westerly track in the vicinity of Cienfuegos, Cuba, on Sunday 12th. High S.E. wind of 30 miles per hour was observed by S.S. "Moraflores" to the south of Cienfuegos.
- (4) On 15th August a disturbance was reported between 75 and 100 miles south of Port-au-Prince, Haiti, moving WNW of moderate intensity. It apparently passed to the south of Jamaica decreasing in intensity. Very heavy rainfall was experienced in most parts of the Island.
- (5) On 17th August a hurricane was reported developing to the ESE of Haiti and moved over the western section of Haiti causing great loss of life and property.

## SEPTEMBER.

- (6) A weather disturbance developed a short distance to the west of Port-au-Prince, Haiti, on 2nd and continued on a track between Jamaica and Cuba on 3rd, arriving near Yucatan on the 5th. No serious damage reported.
- (7) On 11th in the forenoon, the United States Weather Bureau issued a cable warning, stating that on the previous night (Monday) "a tropical disturbance was central about Lat. 15 degrees N. and Long. 50 degrees West, moving West-North-westward." This was in locality, in the ocean, about 800 miles to eastward of the Island of Dominica. This storm appears to have continued on a track in the near vicinity of the Leeward Island, thence through Porto Rico, North-East coast of San Domingo, onward to south of Turks Island and passing near Nassau and into Southern Florida (U.S.A.), continuing inland for some considerable distance northward. This hurricane was one of the most disastrous known in the West Indies. The wind velocity is reported to have ranged from 120 to 150 miles per hour at several of the stricken places. Great loss of life and property occurred.

## NORTHERS.

Fresh to moderate "Northers" were noted at Kingston on January 10th, 28th and 29th, and several days in November and December. At Negril Point January 28th, 29th, November 11th, 16th and 21st to 27th, and in December at intervals from 8 to 28th and at Morant Point, January 29th and 30th, also November 12th to 25th with interruptions.

In November "Northers" of unusual intensity were experienced over the Island, especially in the N.E. Section. At Morant Point the wind blew at 45 miles per hour on 14th.

## HAILSTORMS.

On June 20th during a gale accompanied by heavy rain and thunderstorm, hail fell at Harkers Hall in St. Catherine and did considerable damage to cultivation in the vicinity. Hail also fell at Springfield, St. Elizabeth, on 25th June.

## EARTHQUAKES.

Shocks of slight to moderate intensity were reported at different parts of the Island in January (3 places), February (2 places), March (3 places), May (1 place), July (2 places), but on November 3rd, felt generally as a sharp shock throughout the Island. December (1 place).

## AT KINGSTON.

The total rainfall at the Public Works Building was 28.89, the 50-year normal being 33.59 in the total number of rainy days 69 as against the 47-year normal of 80. The May "Season" rains were deficient. The August rainfall was heavy, being 12.57 ins. as against the normal of 3.55 ins. October "Season" rain was five-tenths of normal. The mean temperature was 78.4 degrees, and the normal for 33 years 78.7 degrees. The extreme maximum temperature was 94.4 degrees on July 16th and the lowest minimum was 63.9 degrees on May 5th. The mean number of miles of wind per day was 190 as against the 20-year normal of 182. The total miles of wind was below normal only in the months of January, August and November. The remainder of months were above normal. The mean relative humidity was about 2% below normal, or 77%.

## NEGRIL POINT LIGHTHOUSE.

The rainfall at this station (extreme west of Jamaica) was 35.73 ins. which is much below the 50-year normal of 54.49 ins. There were 131 rainy days, a maximum of 20 in October and minimum of 4 in February and March. The greatest monthly rainfall of 5.32 ins. occurred in April. All the months, excepting February and April, were below the normal. Thunderstorms occurred in each month of the year, excepting March.

The extreme maximum temperature was 95.7 degrees on September 27th and the extreme minimum was 62.6 degrees on January 23rd giving an extreme range of 33.1 degrees.

## MORANT POINT LIGHTHOUSE.

The rainfall at this station (extreme east of Jamaica) was 49.74 ins. and much below the normal of 70.19 ins. The months of August and October were above their normals, but the remainder of months was below. There were 165 rainy days.

The greatest monthly rainfall of 16.18 ins. occurred in October, and the least 0.29 inch occurred in March.

The extreme maximum temperature was 88.5 degs. on August 8th, also on September 1st and the extreme minimum temperature was 61.0 degs. on May 5th, giving an extreme range of 27.5 degs. But the average range for the year 1928 was 17.1 degrees.

Thunderstorms occurred during the months of July to October inclusive.